

# HabasitLINK® M2620 Flat Top Heavy Duty 1"

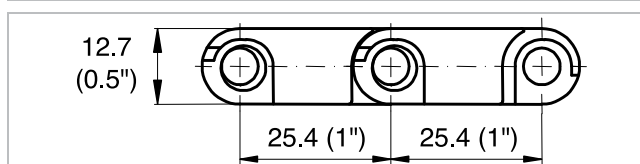
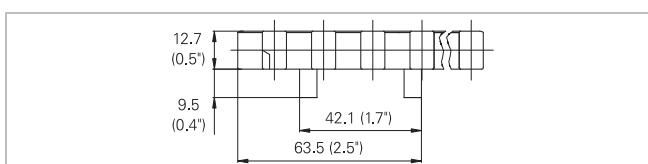
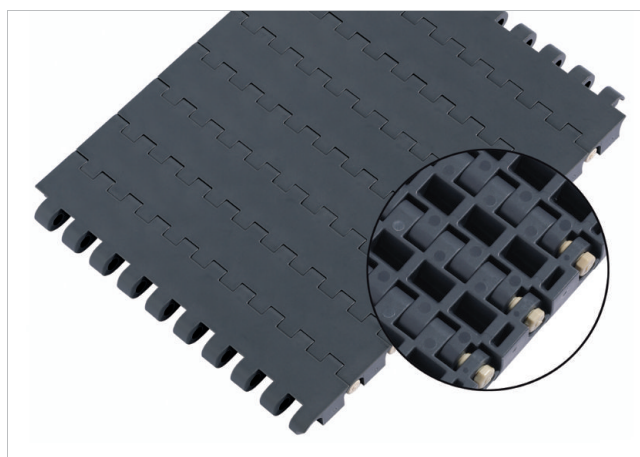


## Description

- Heavy duty belt
- 12.7 mm (0.5") thick
- High strength and stiffness
- 0% open area
- Closed hinge
- Rod diameter 6 mm (0.22")
- Smart Fit rod retention
- Double row solid and split sprockets

## Available accessories

- Tab modules with 2 tabs
- Code: -T2 double tab



## Belt data

Belt material		PA	PBT+FR	POM		PP	
Rod material		PA		PBT		PA	PP
Nominal tensile strength $F'_N$ straight run	N/m lb/ft	45000 3083	23000 1575	45000 3083	35000 2397	26500 1815	24000 1644
Temperature range	°C °F	-46 - 130 -50 - 266	-40 - 130 -40 - 266	-40 - 93 -40 - 200	-40 - 93 -40 - 200	5 - 105 40 - 220	5 - 105 40 - 220
Temperature maximum (short-term)	°C °F	160 320	150 302				
Belt weight $m_B$	kg/m <sup>2</sup> lb/sqft	11.7 2.40	14.5 2.98	14.0 2.88	14.0 2.88	9.1 1.87	9.1 1.87

PA belt fulfills UL 94 V2 and ISO 340.

PBT +FR belt fulfills UL 94 V0 and ISO 340.

Diameter of idling rollers (minimum)		Diameter of support rollers (minimum)		Diameter for gravity take-up and center drive rollers (minimum)		Backbending radius for elevators without side guards or hold down devices (minimum)	
mm	inch	mm	inch	mm	inch	mm	inch
50	2.00	50	2.00	100	4	150	6

## Standard range of belt widths $b_0$

mm (nom.)	85	170	255	340	425	510	595	680	765	850	935	1020	1105	etc.
inch (nom.)	3.35	6.69	10.04	13.39	16.73	20.08	23.43	26.77	30.12	33.46	36.81	40.16	43.50	etc.

Real belt widths are in most cases 0.1% to 0.3% smaller.

For PP material up to 750 mm (30") -3 mm to 0 mm and -0.4% to 0% for wider belts.

For POM material up to 750 mm (30") -3 mm to 0 mm and -0.4% to 0% for wider belts.

**Standard belt widths** in increments of 85 mm (3.35"). Non-standard widths are offered in increments of 17 mm (0.67"). Smallest possible width 85 mm (3.35").

**For detailed material properties** refer to the HabasitLINK® Engineering Guidelines.

**The nominal tensile strength** is valid for 23 °C (73 °F). The admissible tensile force depends on the operating temperature near the drive sprockets. Within the temperature range allowed, the admissible tensile force may vary from 100% to 20% of the nominal tensile strength. For detailed information and correct calculation of effective

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tensile force refer to the Calculation Guide in the HabasitLINK® Engineering Guidelines.

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